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WHAT IS CLAIMED IS:

1. A method for treating allergy symptoms in a patient, comprising the step of:

administering in a manner so as not to effect gene transfer an effective amount of DNA in a pharmaceutically-acceptable vehicle to a patient having allergy symptoms.

- 2. The method according to claim 1 wherein said DNA is administered sublingually in the form of a liquid drop.
- 3. The method according to claim 1 wherein said vehicle is selected from the group consisting of water, saline, albumin, or dextrose.
- 4. The method according to claim 1 wherein said effective amount of DNA is from about 0.00012 mg to about 0.003 mg DNA.
- 5. The method according to claim 1 wherein said effective amount of DNA is about 0.0006 mg of DNA.
- 6. The method according to claim 1 wherein said patient is a human.
 - 7. The method of claim 1 wherein the DNA is administered by a route selected from the group consisting of sublingual, subcutaneous, intravenous, intramuscular and intrathecal administration.
 - 8. A method for treating asthma symptoms in a patient, comprising the steps of:

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administering in a manner so as not to effect gene transfer a therapeutically effective amount of DNA in a pharmaceutically-acceptable vehicle to a patient having asthma symptoms.

- 9. The method according to claim 8 wherein said DNA is administered sublingually in the form of a liquid drop.
 - 10. The method according to claim 8 wherein said vehicle is selected from the group consisting of water, saline, albumin, or dextrose.
 - 11. The method according to claim 8 wherein said effective amount of DNA is from about 0.00012 mg to about 0.003 mg DNA.
 - The method according to claim 8 wherein said effective amount of DNA is about 0.0006 mg of DNA.
 - The method according to claim wherein said patient is a human.
- 14. The method of claim 8 wherein the DNA is administered by a route selected from the group consisting of sublingual, subcutaneous, intravenous, intramuscular and intrathecal administration
- 15. A method for treating symptoms of otitis media, comprising the step of:

topically administering in a manner so as not to effect gene transfer an effective amount of DNA in a pharmaceutically-acceptable vehicle to a patient having otitis media.

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The method according to claim 15, wherein said vehicle is selected from the group consisting of water, saline, albumin, or dextrose.

The method according to claim 15, wherein said effective amount of DNA is from about 0.00012 mg to about 0.003 mg DNA.

The method according to claim 15 wherein said effective amount of DNA is about 0.0006 mg of DNA.

The method according to claim 18, wherein said patient is a human.

20. The method of claim 15 wherein the DNA is administered in the form of eardrops.